PCT

REQUEST

For receiving Office use only				
International Application No.				
International Filing Date 02.4.99				
Name of receiving Office and "PCT International Application"				
Applicant's or agent's file reference				

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"			
	Applicant's or agent's file reference			
	(if desired) (12 characters maximum) S K 9 9 P C T 1 7			
Box No. I TITLE OF INVENTION				
Data Receiving Device and Data Receiving Met	.hod 			
Box No. II APPLICANT				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant 's State (that is, country) of residence if no State of residence is indicated below.) This person is also inventor.				
,	Telephone No.			
SONY CORPORATION	Facsimile No.			
7-35, Kitashinagawa 6-chome, Shinagaw 141-0001 JAPAN	Teleprinter No.			
State (that is, country) of nationality: JAPAN	State (that is, country)	of residence: JAPAN		
		United States the States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)	·		
Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant 'sState (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only				
SAKAO Katsutoshi	applicant and inventor			
c/o SONY CORPORATION, 7-35, Kitashina Shinagawa-ku, TOKYO 141-0001 JAPAN	gawa 6-chome,	inventor only (If this check-box is marked, do not fill in below.)		
State (that is, country) of nationality:	State (that is, country)	of residence:		
JAPAN	<u> </u>	JAPAN		
This person is applicant all designated all designate for the purposes of:		e United States America only the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated	on a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE				
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	s as:	gent common representative		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)				
(6773) Patent Attorney KOIKE Akira	03(3508)8266			
(8633) Patent Attorney TAMURA Eiichi	Facsimile No. 03(3508)0439			
(9667) Patent Attorney IGA Seiji				
I G A S e 1 J 1 No.11 Mori Bldg., 6-4, Toranomon 2-chome, M TOKYO 105-0001 JAPAN	2223384J			
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.				

Sheet No. . 2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)						
If none of the following sub-boxes is used, this sheet should not be included in the request.						
Name and address: (Family name followed by given name; for a le designation. The address must include postal code and name of coun address indicated in this Box is the applicant 's State (that is, country) of residence is indicated below.) KOGA Tadaharu	This person is: applicant only applicant and inventor					
c/o SONY CORPORATION, 7-35, Kitashinaga Shinagawa-ku, TOKYO 141-0001 JAPAN		inventor only (If this check-box is marked, do not fill in below.)				
State (that is, country) of nationality:	State (that is, country) o					
This person is applicant all designated for the purposes of:		United States America only The States indicated in the Supplemental Box				
Name and address: (Family name followed by given name: for a le designation. The address must include postal code and name of cour address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.)	egal entity, full official irry. The country of the of residence if no State	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)				
State (that is, country) of nationality:	State (that is, country) o	of residence:				
This person is applicant all designated all designated for the purposes of:		United States the States indicated in America only the Supplemental Box				
Name and address: (Family name followed by given name: for a ladesignation. The address must include postal code and name of cour address indicated in this Box is the applicant's State (that is, country) of residence is indicated below.)	egal entity, full official try. The country of the of residence if no State	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)				
State (that is, country) of nationality: State (that is, country) of residence:						
		e United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a ladsignation. The address must include postal code and name of coulong address indicated in this Box is the applicant's State (that is, country, of residence is indicated below.)	legal entity, full official ntry. The country of the) of residence if no State	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)				
State (that is, country) of nationality:	State (that is, country)	I. of residence:				
This person is applicant all designated all designated States except the United States indicated in for the purposes of: This person is applicant all designated the United States except the United States of America only the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation sheet.						

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Sheet No.	····

Box No.V DESIGNATION OF STATES							
The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):							
Region	nal Pa	tent					
Ŏ	AP	ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, ZW Zimbabwe, and any other State which is a Contra	acting	g State	o, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, e of the Harare Protocol and of the PCT		
	EA	Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT					
Ø	EP	European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT					
	OA	A OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, Cl Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)					
N1-4'	101 P	on aottea tine) tent (if other kind of protection or treatment desired, :					
	nai Pa	Albania	speci,	LS	Lesotho		
		Armenia			Lithuania		
님		Austria			Luxembourg		
		Australia			Latvia		
ᆜ			H		Republic of Moldova		
		Azerbaijan			Madagascar		
		Bosnia and Herzegovina			The former Yugoslav Republic of Macedonia		
		Barbados Bulgaria	_		The former Tugosiav Republic of Macedonia		
		Brazil		MN	Mongolia		
		Belarus			/ Malawi		
					Mexico		
		Canada and LI Switzerland and Liechtenstein			Norway		
		China			New Zealand		
		Cuba			Poland		
		Czech Republic		PT			
		Germany			Romania		
		Denmark		RU			
		Estonia		SD	Sudan		
	ES	Spain		SE	Sweden		
	FI	Finland		SG	Singapore		
		United Kingdom		SI	Slovenia		
		Georgia		SK			
		Ghana		SL			
][Gambia		TJ			
		Guinea-Bissau		TM	Turkmenistan		
		Croatia		TR	Turkey		
		Hungary		TT	Trinidad and Tobago		
ī	ID	Indonesia		UA	Ukraine		
	IL	Israel			Uganda		
ı	IS	Iceland	$\overline{\square}$	US			
N N	JP	Japan					
		Kenya		UZ	Uzbekistan		
		Kyrgyzstan			Viet Nam		
		Democratic People's Republic of Korea			Yugoslavia		
					Zimbabwe		
☑	KR	Republic of Korea	Ch	eck-h	oxes reserved for designating States (for the purposes of		
		Kazakhstan	a na	ationa	al patent) which have become party to the PCT after		
	LC	Saint Lucia	เรรเ	uance	of this sheet:		
		Sri Lanka					
		Liberia					
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Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.) Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the equest.

1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. III" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor:
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
- (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
- 2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
- 3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

Continuation of Box No. VI

- (4) 03.04.98 P10-091257 JAPAN
- (5) 03.04.98 P10-091258 JAPAN

Sheet No.

Box No. VI PRIORITY CLAIM		Further priority claims are have ated in the Supplemental Box.			
Filing date	Number		Where earlier applicati	ion is:	
of earlier application of a (day/month/year)	earlier application	national application: country	regional application:* regional Office	international application: receiving Office	
· · · · · · · · · · · · · · · · · · ·	tent Application O - 0 9 1 2 5 4	JAPAN			
	tent Application 0 - 0 9 1 2 5 5	JAPAN			
	tent Application O - 0 9 1 2 5 6	JAPAN			
The receiving Office is requested of the earlier application(s) (online purposes of the present internation	d to prepare and trans	cation was filed with the	Office which for the		
• Where the earlier application is an AR Convention for the Protection of Industri	IPO application, it is made at Property for which the	andatory to indicate in the S hat earlier application was fi	Supplemental Box at least (led (Rule 4.10(b)(ii)). See	one country party to the Paris Supplemental Box.	
Box No. VII INTERNATIONAL					
Choice of International Searching A (if two or more International Searching competent to carry out the international the Authority chosen; the two-letter code	Authorities are sear search indicate	quest to use results of ear ech has been carried out by o ce (day/month/year)	rlier search; reference rrequested from the Intern Number	to that search (if an earlier sational Searching Authority): Country (or regional Office)	
ISA / JP					
Box No. VIII CHECK LIST; LA	NGUAGE OF FILE	NG			
This international application contain the following number of sheets:		al application is accompa	nied by the item(s) mark	ced below:	
request : 5	i —	signed power of attorney			
description (excluding	,	general power of attorney;	reference number, if ar	nv:	
sequence listing part) : 45		t explaining lack of signal		.,.	
claims : // abstract : /		document(s) identified in			
drawings : 2	-	on of international applica			
sequence listing part		• •		or other biological material	
of description :		de and/or amino acid sequ			
Total number of sheets: 83	9. 🔲 other (sp	ecify):			
Figure of the drawings which should accompany the abstract:	-ig . 5 Li	anguage of filing of the ternational application:	Japanese		
Box No. IX SIGNATURE OF A	PPLICANT OR A	GENT			
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).					
KOIKE Akira TAMURA Eiichi					
IGA Seiji	For	receiving Office use only			
Date of actual receipt of the purinternational application:	ported	receiving Office use only		2. Drawings:	
 Corrected date of actual receipt timely received papers or drawin the purported international appli 	ngs completing			received:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):					
5. International Searching Authoric (if two or more are competent):	9 I AZI V		ittal of search copy dela arch fee is paid.	yed	
Date of receipt of the record copy by the International Bureau:	For In	ternational Bureau use on	ly	 	

Form PCT/RO/101 (last sheet) (July 1998)

See Notes to the request form